

# GBT Observing Schedule for October 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB240	Bower, G. C. Bolatto, A. Ford, E. Kalas, P.	UC Berkeley University of California at Berkeley University of Amsterdam Calif.-Berkeley	Frank Ghigo	RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	(3 5 26 27)	(51.00)
BM311	Maccarone, T. Gallo, E. Miller-Jones, J. Joseph, Tania Dwelly, T.	U Southampton UC Santa Barbara Oxford University of Southampton MSSL, UCL	Jules Harnett	An accurate position for the radio source in G1 [T. Maccarone]	C	5	6 7	7.50
BP157	Peterson, W. Mutel, R. L. Goss, W. M.	University of Iowa NRAO-SOC	Jules Harnett	Confirmation of Large Coronal Loops on an RS CVN Binary [W. Peterson]	U	5	14 15 17 18	21.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W. Halpern, J. P. Ray, P.S.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University Columbia University Naval Research Lab	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S	G	7	3.75
GBT08C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Zaw, I. Tilak, A. Hao, L. Lah, P. Impellizzeri, C.M.V.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy NRAO	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	(8 9)	(36.00)
GBT09A-034	Garcia-Marin, M. Eckart, A. Koenig, S. Fischer, S. Zuther, J. Huchtmeier, W. K. Bertram, T.	University of Cologne Max-Planck-Institut fur Radioa	Jules Harnett	21 cm HI Observations of intermediate-z Clusters of Galaxies [M. Garcia-Marin]	A	S	1	5.50
GBT09A-055	Stocke, J. T. Darling, J. Yan, T.	University of Colorado Colorado at Boulder, University of	Jules Harnett	A New Approach to Discovering Highly Obscured Radio-Loud Quasars [J. Darling]	A	S	1	1.00
GBT09B-005	Stocke, J. T.	University of Colorado	Jules Harnett	A Search for HI Absorption Toward Red AGN in	A	S	(1)	(1.50)

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

Prime Focus Bands: 3=0.29-0.395GHz, 4=0.385-0.520GHz, 6=0.51-0.69GHz, 8=0.68-0.92GHz, A=0.91-1.23GHz

\* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O=user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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	Darling, J. Yan, T.	Colorado at Boulder, University of		Non-Elliptical Host Galaxies [J. Darling]				
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV Center for Astrophysics Naval Research Lab West Virginia University	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	12	1.25
GBT09B-015	Armijos, J. Martin-Pintado, J. Requena-Torres, M.A. Martín, S. Rodríguez-Franco, A.	Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC) DAMIR-IEM-CSIC	Jim Braatz	Chemical complexity in the nuclei of galaxies. The nucleus of the Milky way [J. Armijos]	U	S	1	1.50
GBT09B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Are the Arches and Quintuplet Clusters Pulsar Nurseries? [J. Deneva]	C	G	1	2.00
GBT09B-029	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Perera, B.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YB	17	5.50
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Cordes, J. M. Champion, D. Archibald, A. Kondratiev, V. Boyles, J. Hessels, J. W. T. McPhee, C. Roberts, M. Kasian, L. van Leeuwen, J.	Virginia, University of NRAO - CV West Virginia University WVU University of British Columbia McGill University NAIC and Cornell University McGill University West Virginia University West Virginia University ASTRON Eureka Scientific, Inc. University of British Columbia University of British Columbia	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	16 17	4.50

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	Deneva, J.	Cornell University						
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	UC Berkeley (Physics) Bryn Mawr College University of British Columbia NRAO - CV University of British Columbia Franklin and Marshall College University of California, Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	16 18	17.00
GBT09B-043	DeCesar, M. Ransom, S. Stairs, I. Lorimer, D. McLaughlin, M. Kaspi, V. Archibald, A. van Leeuwen, J. Miller, C.	NRAO - CV University of British Columbia West Virginia University WVU McGill University University of British Columbia University of Maryland	Scott Ransom	A Search for Radio Pulsations from Low-Mass X-ray Binaries [M. DeCesar]	S	U	1	2.00
GBT09C-008	Rood, R. T. Bania, T. M. Balsler, D.S.	University of Virginia Boston University NRAO - Green Bank	Dana Balsler	Constraining Galactic Chemical Evolution: 3-Helium Benchmark Abundances in S209 - copy [R. T. Rood]	X	DS	11 12	10.00
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV CFA West Virginia University	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	11 12 14 25	8.75
GBT09C-086	Arzoumanian, Z. Ransom, S.	NASA/GSFC NRAO - CV	Scott Ransom	Followup of the GBT's discovery of a 24 ms pulsar in SNR G76.9+1.0 [Z. Arzoumanian]	S	U	15 16	12.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	2 16 31	13.25
Maint	NRAO staff			Maintenance			1 7 13 14 19 20 21 22 23 24	166.00
Maint	NRAO staff			Open Day	S	S	25	3.00
Maint	NRAO staff			Turret Upgrade			27 28 29 30	73.00
Tests	Harris			BZ tests	B	Z	7	3.00
Tests	Ransom			GUPPI	S		24	4.00
Tests	Hunter			HOLO	X		31	6.00

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Tests	Minter			RCO	K84		7 14 30	4.50
Total Hrs	Astronomy	205.50						
	Maintenance	242.00						
	Un-assigned							
	Tests	17.50						

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